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1. A non-porous catheter balloon comprising porous polytetrafluoroethylene and a non-porous coating.
 2. A non-porous catheter balloon according to claim 1 wherein the non-porous coating comprises fluorinated ethylene propylene.
 3. A non-porous catheter balloon according to claim 1 wherein the non-porous coating comprises an adhesive.
 4. A non-porous catheter balloon according to claim 3 wherein the adhesive comprises a thermoplastic adhesive.
 5. A non-porous catheter balloon according to claim 4 wherein the thermoplastic adhesive is a thermoplastic fluoropolymer.
 6. A non-porous catheter balloon according to claim 1 wherein the porous polytetrafluoroethylene comprises porous expanded polytetrafluoroethylene.
 7. A non-porous catheter balloon according to claim 1 wherein the balloon is an inelastic balloon.
 8. A non-porous catheter balloon according to claim 1 wherein the non-porous coating comprises multiple layers of porous polytetrafluoroethylene.
 9. A non-porous catheter balloon according to claim 1 wherein the non-porous coating is a continuous coating.
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